

VLADUT, N., ing.

Improving conditions of the cotton hackling process. Ind. text
Rum 12 no.7:273-275 J1'61

1. Institutul de cercetari textile.

VLADUT, N., ing.

Spinning of polyalcoholvinyl fibers. Ind text Rum 12 no.9:
360-362 S'61.

1. Institutul de cercetari textile.

OLTEANU, I.; VLADUT, N.

Possibilities of eliminating overnorm stock. Probleme econ 17
no.1:58-71 Ja '64.

VLADUTA, Isyan.

10

The preparation of p-phenetidine starting with p-ethoxycetanilide (phenacetin). Isyan Vladuta. *Chem. Zvezd.* 1935, 1, *rieral form.* 4, No. 10, 1-4 (1934). *Chem. Zvezd.* 1935, 1, 1218. cf. C. A. 29, 738P. The sapon. of phenacetin with KOH or HCl is described in detail. W. A. Moore

ASACSLA METALLURGICAL LITERATURE CLASSIFICATION

SECTION 1-19 One One One

SECTION 2-19 One One One

SECTION 3-19 One One One

SECTION 4-19 One One One

SECTION 5-19 One One One

SECTION 6-19 One One One

SECTION 7-19 One One One

SECTION 8-19 One One One

SECTION 9-19 One One One

SECTION 10-19 One One One

SECTION 11-19 One One One

SECTION 12-19 One One One

SECTION 13-19 One One One

SECTION 14-19 One One One

SECTION 15-19 One One One

SECTION 16-19 One One One

SECTION 17-19 One One One

SECTION 18-19 One One One

SECTION 19-19 One One One

SECTION 20-19 One One One

SECTION 21-19 One One One

SECTION 22-19 One One One

SECTION 23-19 One One One

SECTION 24-19 One One One

SECTION 25-19 One One One

SECTION 26-19 One One One

SECTION 27-19 One One One

SECTION 28-19 One One One

SECTION 29-19 One One One

SECTION 30-19 One One One

SECTION 31-19 One One One

SECTION 32-19 One One One

SECTION 33-19 One One One

SECTION 34-19 One One One

SECTION 35-19 One One One

SECTION 36-19 One One One

SECTION 37-19 One One One

SECTION 38-19 One One One

SECTION 39-19 One One One

SECTION 40-19 One One One

SECTION 41-19 One One One

SECTION 42-19 One One One

SECTION 43-19 One One One

SECTION 44-19 One One One

SECTION 45-19 One One One

SECTION 46-19 One One One

SECTION 47-19 One One One

SECTION 48-19 One One One

SECTION 49-19 One One One

SECTION 50-19 One One One

SECTION 51-19 One One One

SECTION 52-19 One One One

SECTION 53-19 One One One

SECTION 54-19 One One One

SECTION 55-19 One One One

SECTION 56-19 One One One

SECTION 57-19 One One One

SECTION 58-19 One One One

SECTION 59-19 One One One

SECTION 60-19 One One One

SECTION 61-19 One One One

SECTION 62-19 One One One

SECTION 63-19 One One One

SECTION 64-19 One One One

SECTION 65-19 One One One

SECTION 66-19 One One One

SECTION 67-19 One One One

SECTION 68-19 One One One

SECTION 69-19 One One One

SECTION 70-19 One One One

SECTION 71-19 One One One

SECTION 72-19 One One One

SECTION 73-19 One One One

SECTION 74-19 One One One

SECTION 75-19 One One One

SECTION 76-19 One One One

SECTION 77-19 One One One

SECTION 78-19 One One One

SECTION 79-19 One One One

SECTION 80-19 One One One

SECTION 81-19 One One One

SECTION 82-19 One One One

SECTION 83-19 One One One

SECTION 84-19 One One One

SECTION 85-19 One One One

SECTION 86-19 One One One

SECTION 87-19 One One One

SECTION 88-19 One One One

SECTION 89-19 One One One

SECTION 90-19 One One One

SECTION 91-19 One One One

SECTION 92-19 One One One

SECTION 93-19 One One One

SECTION 94-19 One One One

SECTION 95-19 One One One

SECTION 96-19 One One One

SECTION 97-19 One One One

SECTION 98-19 One One One

SECTION 99-19 One One One

SECTION 100-19 One One One

1ST AND 2ND ORDERS										PROCESSES AND PROPERTIES INDEX										1ST AND 2ND ORDERS									
<div style="position: relative;"> BC A-1 <div style="position: absolute; top: 35%; left: 30%;"> <p>Preparation of phenosetin from phenol in laboratory practice: S. VLADETA (Cervical Farm, 1934, 4, No. 3, 16-20; No. 6, 1-10; No. 7, 1-17; Chem. Zentr., 1934, II, 3411).—The available methods are discussed.—The best yield of p-nitrophenol (I) is obtained from FeSO₄ and HNO₃ (d 1.42) at 15-25°. Reduction of (I) is best carried out with Zn dust or NaHSO₃.</p> <p style="text-align: right;">H. N. B.</p> </div> </div>																													
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION																													
FROM SYNTHESE										FROM ANALYSIS										FROM OTHER SOURCES									
SYNTHESIS										ANALYSIS										OTHER SOURCES									
SYNTHESIS										ANALYSIS										OTHER SOURCES									

SARAGEA, M., conf; NEGRU, T., dr.; VLADUTIU, A., dr.; ROTARU, Natalia

Physiopathological mechanisms in immunopathology. Med. intern.
(Bucur) 17 no.6:651-658 Je'65.

1. Lucrare efectuata la Catedra de fiziopatologie a Institutul
medico-farmaceutic, Bucuresti (director: conf. M. Saragea).

SARAGEA, M.; NEGESU, I.; ROTARU, Petru; VIANUTU, A.; GURGHIN, P.

Serological studies of rabbits immunized with extracts of
Ricinus communis (Linn) (castor). Stud. cercet. fiziol. 9
no. 58445-452 '64

SARAGEA, M., conf.; WAWERNIA, Ed., dr.; NEGRU, T., dr.; VLADUTIU, A. dr.

Electroencephalographic studies in experimental allergic encephalomyelitis. Med. intern. (Bucur.) 16 no.12:1439-1454
D '64

1. Lucrare efectuata la Catedra de fiziopatologie, Institutul medico-farmaceutic, Bucuresti.

SARAGEA, M.; CIOPOTARU, Margot; POTARU, Natalia; NEGRU, T.; SICA, Mihaela;
VLADUTIU, A.

Biochemical changes in the central nervous system of animals with
experimental allergic encephalomyelitis. Fiziol. norm. pat. 11
no.3:243-250 My-Je '65.

1. Catedra de fiziopatologie, Institutul medico-farmaceutic, Bucuresti.

IANCU, A.; JAKOB, S.; DIVIN, M.; IANCU, A., Jr.; SURIANI, T.; VLADUTIJU, V.

The EEG in pediatric dystrophy. Cesk. pediat. 19 no.6:528-529
Je'64.

1. Detska klinika university v Kluzi (prednosta: prof. dr. A.
Iancu); Neurochirurgicka nemocnice v Kluzi (reditel: dr. S. Jakob).

VLADUTIU, O.

The presence of estrogenic substances in some medical muds of Roumania. Marthe Tranco Rainer and Octave Vladutiu. *Bull. acad. med. Roumanie* 3, 817-22(1938) (66-French). Six Roumanian muds from Tekirghiol, Budaki, Lacul Sarat, Sovata, Hasna and Vatra-Dornei were extd. with ether and benzene, and the yellow-brown, oily exts. dissolved in olive oil. One 5 cc. of this ext. divided into 3-6 doses was injected once or twice for 3 days in castrated rats and the vaginal secretions were examd. 18-24 days after the injection. The mud from Tekirghiol showed an estrogenous power of 20 rat-units or 200 mouse-units, those of Vatra-Dornei, Budaki, Hasna, Sovata 60, 30, 20 and 15 mouse-units, resp. The action of the ext. from the mud of Tekirghiol was studied, furthermore, by the microscopic examn. of the uterine horns of castrated rabbits.

George Nachod

VLADUTIU, O.

The hormonal reaction of the uterine body in the white mouse. Marthe Trancou-Kamer and Octave Vladutiu. *Bull. acad. med. Roumanie* 3, 40-51 (1958) (in French). In the epithelium of the transverse canal connecting the cavities of the 2 uterine horns in infantile white mice, there is, on treatment with small doses of folliculin (injections or periton son., animal saliva or urine, urine of pregnant woman), an increase of the number of layers of cylindrical cells forming the epithelium from 2 to 3 and an augmentation of the number of cells in these layers. With larger doses the number of layers amounts to from 4 to 8 and the number of cells in them is doubled or trebled with more or less intense keratinization and desquamation. The presence of certain hormones in the saliva and urine of *Equus caballus*. *Ibid.* 3, 4. The elimination of prolan, progesterin, folliculin and intermediu in the saliva and the elimination of prolan and progesterin in the urine of stallions before and after castration, and of pregnant and nonpregnant mares is studied by tests on immature female and castrated female mice and rats (all animals, injections of saliva and urine) and on fins of *Phoxinus phoxinus* (samples of about 7 cm. length). The histologic study of the test animals establishes the existence of mature follicles in the ovary without any estral modification of the mucous membrane of the genital tract and the presence of all phases of the estrum in one single vaginal mucous membrane. George Nichol

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

ROMANIA/Diseases of Farm Animals. Diseases Caused by
Helminths.

R

Abs Jour:Ref Zhur-Biol., No 15, 1958, 69492.

Author : Vladutiu, O.; Lungu, V.; Murgu, I.; Elidaru, T.

Inst : Institute of Agronomy "N. Balcescu"

Title : Surgical Treatment of Coenurosis in Sheep.

Orig Pub: Lucrarile Sesiunii stiint. Inst. agron. "N. Balcescu",
1955. Bucuresti, 1955, 1, 379-391.

Abstract: No abstract.

Card : 1/1

BUCURESTI

VIADUTIU, C., Prof Dr, POLL, E., Veterinarian, BICA POPII, Valeria, Dr, PAUL, I., Veterinarian, and MARINESCU, X., Veterinarian, of the Faculty of Veterinary Medicine (Facultatea de Medicina Veterinara), Bucharest.

"Investigations on Lamb Enzootic Polytenosinovites and Polyarthritides."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 6, Jun 63, pp 50-59.

Abstract [Authors' English summary modified]: It is concluded that these diseases are septico-pyemias produced by a streptococcus of the viridans type. When injected intravenously in lambs or adult sheep, this streptococcus produces the disease within 48 hours. It was not possible to produce the disease by administering the culture orally or by means of aerosol inhalation. Most efficient treatment was Reverin followed by polycillin and streptomycin. Disinfection and isolation of the sick animals as well as early treatment are advised. Contains 11 figures and 9 references, of which 1 Russian, 3 German, 3 French and 2 Rumanian.

1/1

VLADYCHANSKIY, A.N., dots.; LISUNOV, V., nauchn. red.

[Mechanization of the placement of fertilizers] Mekhanizatsiia vneseniia udobrenii. Stavropol', Stavropol'skoe knizhnoe izd-vo, 1964. 49 p. (MIRA 18:8)

1. Stavropol'skiy sel'skokhozyaystvennyy institut (for Vladychanskiy).

VLADYCHENKO, I.

Glory to the tribe of miners. *Sov.shakht.* 10 no.8:7-9 Ag
'61. (MIRA 14:8)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh
ugol'noy promyshlennosti.
(Coal miners)

VLADYCHENKO, I.

On the path toward the future. Sov. profsoiuzy 17 no.18:12-
14 8 '61. (MIRA 14:8)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh
ugol'noy promyshlennosti.
(Coal mines and mining---Technological innovations)
(Socialist competition)

SHUMEYKO, G.; PIMENOV, P.; ORFANITSKIY, V.; VLADYCHENKO, I.; RYABOV, N.;
YEGORICHEV, A.; TARNOPOL'SKIY, A.; GURVICH, A.; USHATIKOV, N.,
profsoyuznyy aktivist

Let's strengthen fraternal international connections. Sov.
profsoyuzy 16 no.16:49-54 Ag '60. (MIRA 13:8)

1. Nachal'nik Tsentral'nogo turistsko-ekskursionnogo upravleniya Vsesoyuznogo tsentral'nogo soveta profsoyuzov (for Shumeyko).
 2. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh ugol'noy promyshlennosti (for Vladychenko).
 3. Sekretar' Tsentral'nogo komiteta profsoyuza rabochikh elektrostantsiy i elektropromyshlennosti (for Ryabov).
 4. Predsedatel' zavkoma Kuznetskogo metallurgicheskogo kombinata (for Yegorichev).
 5. Predsedatel' pravleniya Doma kul'tury stroiteley "Oktyabr'" (for Tarnopol'skiy).
 6. Predsedatel' komissii po zarubezhnym svyazyam zavodskogo komiteta stankostroitel'nogo zavoda imeni Sergo Ordzhonikidze (for Gurvich).
 7. Avtomobil'nyy zavod imeni Likhacheva (for Ushatikov).
- (Russia--Relations (General) with foreign countries)

VLADYCHENKO, I.

Among Japanese friends. Sov.shakht. 10 no.7:41-42 J1 '61.
(MIRA 14:8)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh
ugol'noy promyshlennosti.

(Coal miners)

(Russia—Relations(General)with Japan)

(Japan—Relations(General)with Russia)

VLADYCHENKO, I.

A militant program--such are the decisions of the
congress. *Mast.ugl.* 9 no.5:1-2 My '60. (MIRA 13:7)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh
ugol'noy promyshlennosti.
(Trade unions) (Coal mines and mining)

VLADYCHENKO, I.

Concentrate all forces on the fulfillment of the decisions of the congress. Sov.shakht. 11 no.1:2-3 Ja '62. (MIRA 14:12)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh ugol'noy promyshlennosti.
(Coal mines and mining) (Trade unions)

KHRUSHCHEV, N.S.; PODGORNYY, N.V.; ZASYAD'KO, A.F.; RUDAKOV, A.P.; KAZANETS, I.P.; SHILIN, A.A.; MEL'NIKOV, N.V.; BURMISTROV, A.A.; SHEVCHENKO, V.V.; MAYAKOV, L.I.; ROZENKO, P.A.; KUZ'MICH, A.S.; ZADEMIDKO, A.N.; BRATCHENKO, B.F.; STRUYEV, A.I.; KRASNIKOVSKIY, G.V.; BCIKO, A.A.; KAGAN, F.Ye.; USKOV, A.A.; VLADYCHENKO, I.M.; TOPCHIYEV, A.V.; DEGTYAREV, V.I.; KHUDOSOVTSSEV, N.M.; GRAFOV, L.Ye.; IVANOV, V.A.; KRATENKO, I.M.; GOLUB, A.D.; IVONIN, I.P.; SAVCHENKO, A.A.; ROZHCHENKO, Ye.N.; CHERNEGOV, A.S.; MARKELOV, M.N.; LALAYANTS, A.M.; GAPONENKO, F.T.; POLUEKTOV, I.A.; SKLYAR, D.S.; PONOMARENKO, N.F.; POTAPOV, A.I.; POLYAKOV, N.V.; SUBBOTIN, A.A.; POLSTYANOV, G.N.; TRUKHIN, P.M.; TKACHENKO, A.G.; OSTROVSKIY, S.B.; NYRTSEV, M.P.; DYADYK, I.I.; SHPAN'KO, T.P.; RUBCHENKO, V.P.

Kondrat Ivanovich Pochenkov; obituary. Sov. shakht. 11 no.9:
48 S '62. (MIRA 15:9)
(Pochenkov, Kondrat Ivanovich, 1905-1962)

VLADYCHENKO, I.M.

For further improvement of working conditions of miners. Bezop.
truda v prom. 6 no.2:1-2 F '62. (MIRA 15:2)

1. Predsedatel' Tsentral'nogo komiteta profsoyuza rabochikh
ugol'noy promyshlennosti.
(Coal mines and mining)

SERENKOV, G.P.; VLADYCHENSKAYA, N.S.

Investigation of nucleic acids in some species of algae. Nauch.
dokl. vys. shkoly; biol. nauki no.2:147-151 '62. (MIRA 15:5)

1. Rekomendovana kafedroy biokhimii rasteniy Moskovskogo gosudarstvennogo
universiteta im. M.V.Lomonosova.
(ALGAE) (NUCLEIC ACIDS)

TONGUR, V.S.; VLADYCHENSKAYA, N.S.

Isolation of RNA and DNA by Kirby-Georgiev phenol method.
Sovr. metod, v biokhim. 1:222-228 '64. (MIRA 18:5)

TONGUR, V.S.; VLADYCHENSKAYA, N.S.; ROMANOV, V.V.; VYSHEPAN, Ye.D.

Characteristics of RNA not extract able by pH 6,0 phenol from
Escherichia coli. Biul. eksp. biol. i med. 57 no. 2:65-68
F '64. (MIRA 17:9)

1. Laboratoriya biokhimii nukleinovyykh kislot Instituta
biologicheskoy i meditsinskoy khimii AMN SSSR. Predstavlena
deystvitel'nyy chlenom AMN SSSR V.N.Orekhovichem.

DANIL'CHENKO, Ye.P.; VLADYCHENSKAYA, V.V.; TALIYEVA, L.P.; YEROBKIN, I.Z.

Semiautomatic machine for drawing scales on syringe cylinders.
Stek. 1 ker. 19 no.1:33-34 Ja '64. (PIRA 15:3)

1. Mediko-instrumental'nyy zavod imeni Lenina.
(Syringes)

SOV/72-59-6-11/18

15(2)

AUTHORS:

Vladychenskaya, V. V., Zubkov, K. Ye.

TITLE:

Improved Construction of Molds for Pressing Plungers and Bushings (Uluchshennaya konstruktsiya form dlya trambovaniya plunzherov i bushingov)

PERIODICAL:

Steklo i keramika, 1959, Nr 6, pp 43 - 45 (USSR)

ABSTRACT:

In a number of glass-works the feeder plungers of automatic glass-molding machines are hand-made by the method of plastic molding although pressed plungers feature certain advantages. The authors of this article developed a new construction of molds for pressing plungers and bushings, i.e. the two-wing construction was replaced by a three-wing construction from which the product can be easier removed. Figure 1 illustrates the steel mold for pressing plungers, and figure 2 shows bushings, followed up by corresponding descriptions. The experiments were made with fire-clay-, kaolin-, and mullite layers, the compositions of which are given. Due to the introduction of the pressing method the output was increased by 1.5 times and the number of defective specimens was reduced. There are 2 figures.

Card 1/2

Improved Construction of Molds for Pressing Plungers and Bushings
SOV/72-59-6-11/18

ASSOCIATION: Solnechnogorskiy stekol'nyy zavod (Solnechnogorsk Glass-Works)

Card 2/2

VLADYCHENSKAYA, V.V.

KOLDAYEV, B.G.; IVANOV, B.V.; VLADYCHENSKAYA, V.V.

Technology of producing high-alumina ceramic bars for tank furnace
lining. Ogneupory 22 no.3:340-345 '57. (MLRA 10:9)
(Refractory materials) (Glass furnaces)

DANIL'CHENKO, Ye.P., kand. tekhn. nauk; VLADYCHENSKAYA, V.V., inzh.;
TALIYEVA, L.P.; GUMILEVSKAYA, M.I.

Medical sterilizer made of pyroceramics with a current conducting
film. Stek.iker. 22 no.10:27 0 '65. (MIRA 18:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskikh
instrumentov i oborudovaniya.

VLADYCHENSKIY, S.A.

Accuracy of microscopic soil investigations. Vest.Mosk.un.
Ser.biol., pochv., geol., geog. 14 no.2:85-88 '59.
(MIRA 13:4)

1. Kafedra fiziki i melioratsii pochv, Moskovskogo gos.
universiteta.
(Soil structure)

Country : USSR
Category : Soil Science. Physical and Chemical Properties of Soils.

Abs Jour : RZhBiol., No 6, 1959, No 24591

Author : Vladychenskiy, S. A.
Inst :
Title : A Few Remarks about the Problem of Water-Regime Types.
Orig Pub : Pochvovedeniye, 1958, No. 6, 118-119

Abstract : Refinement and classification of the water-regime types, developed by A. A. Rode, is proposed. Particularly, it is proposed to differentiate the stagnant type of the water regime for bog and boggy soils, the water-meadow type of the water regime and the water-regime type of sands and sand soils. -- S. A. Vladychenskiy

Card : 1/1

14

Name: VLADYCHENSKIY, Sergey Aleksandrovich

Dissertation: Soil-improvement characteristics of
the Volga-Aktyubin floodlands and the
Volga delta

Degree: Doc Biol Sci

Affiliation: [not indicated]

Defense Date, Place: 14 May 56, Council of Moscow Order of
Lenin and Order of Labor Red Banner
State U imeni Lomonosov

Certification Date: 6 Jul 57

Source: BMVO 18/57

VLADYCHENSKIY, S.A.

Effect of reservoirs on soils [with summary in English].
Pochvovedenie no. 9:70-79 '58. (MIRA 11:10)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Soils)
(Reservoirs)
(Water, Underground)

VLADYCHENSKAYA, V.V.
KOLDAYEV, B.G.; IVANOV, B.V.; VLADYCHENSKAYA, V.V.

Production of ceramic mullite beams for tank furnaces. Med.prom.
11 no.9:54-58 S '57. (MIRA 10:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskogo
instrumentariya i oborudovaniya.
(GLASS FURNACES) (MULLITE)

VLADYCHENSKAYA, V. V.

Distr: 4B20

421. Technology of the

Macro examination showed that these refractories have a structure different from that of normal products
In some cases, an intricate glassy
The

VLADYCHENSKIY, S.A.; RYBINA, V.V.

Effect of moistening on the movement of liquids in sand. Nauch.
dokl. vys. shkoly; biol. nauki no.1:197-201 '65.

(MIRA 18:2)

1. Rekomendovana kafedroy fiziki i melioratsii pochv Moskovskogo
gosudarstvennogo universiteta.

15

ca

PROCESSES AND PROPERTIES INDEX

Fertilizer experiments with tobacco at the Goryache-Klyuchev Station for 1928-31. S. Vladimirovskij. *State Inst. Tobacco Investigations* (Krasnodar), No. 100, 3-23 (1933).--Summarizing the results of 3 years of expts. V. draws the following conclusions: The sandy loam soils of the podzolic yellow earths show N in the first minimum, P_2O_5 in the second, and K_2O in the third. In the first period of its growth tobacco responds most to the P_2O_5 treatment. It also speeds up the following stage, hastens maturity and improves the quality. The addn. of 30 kg. of N per hectare increases the yield without injuring the quality. An increase of N to 80 kg. impairs the quality. Physiologically alk. and neutral fertilizers are better than acid fertilizer. The vegetation period is shortened by fertilizer addns. and acid fertilizers are best in this respect. Physiologically alk. fertilizers do not affect the quality, whereas the acid fertilizers decrease the assortment of the better grades. Addn. of lime may increase the yield, but frequently it gives neg. results. It is most effective with physiologically acid fertilizers. Org. fertilizers seem to be more effective both with regard to the quality and quantity of tobacco. Green manuring has also proved to be beneficial.

I. S. Joffe

COMMON ELEMENTS

COMMON VARIABLES INDEX

OPEN

NATURAL MODES

ASO-ILA METALLURGICAL LITERATURE CLASSIFICATION

1930-1931

1932-1933

1934-1935

1936-1937

1938-1939

1940-1941

1942-1943

1944-1945

1946-1947

1948-1949

1950-1951

1952-1953

1954-1955

1956-1957

1958-1959

1960-1961

1962-1963

1964-1965

1966-1967

1968-1969

1970-1971

1972-1973

1974-1975

1976-1977

1978-1979

1980-1981

1982-1983

1984-1985

1986-1987

1988-1989

1990-1991

1992-1993

1994-1995

1996-1997

1998-1999

2000-2001

2002-2003

2004-2005

2006-2007

2008-2009

2010-2011

2012-2013

2014-2015

2016-2017

2018-2019

2020-2021

2022-2023

2024-2025

2026-2027

2028-2029

2030-2031

2032-2033

2034-2035

2036-2037

2038-2039

2040-2041

2042-2043

2044-2045

2046-2047

2048-2049

2050-2051

2052-2053

2054-2055

2056-2057

2058-2059

2060-2061

2062-2063

2064-2065

2066-2067

2068-2069

2070-2071

2072-2073

2074-2075

2076-2077

2078-2079

2080-2081

2082-2083

2084-2085

2086-2087

2088-2089

2090-2091

2092-2093

2094-2095

2096-2097

2098-2099

2100-2101

2102-2103

2104-2105

2106-2107

2108-2109

2110-2111

2112-2113

2114-2115

2116-2117

2118-2119

2120-2121

2122-2123

2124-2125

2126-2127

2128-2129

2130-2131

2132-2133

2134-2135

2136-2137

2138-2139

2140-2141

2142-2143

2144-2145

2146-2147

2148-2149

2150-2151

2152-2153

2154-2155

2156-2157

2158-2159

2160-2161

2162-2163

2164-2165

2166-2167

2168-2169

2170-2171

2172-2173

2174-2175

2176-2177

2178-2179

2180-2181

2182-2183

2184-2185

2186-2187

2188-2189

2190-2191

2192-2193

2194-2195

2196-2197

2198-2199

2200-2201

2202-2203

2204-2205

2206-2207

2208-2209

2210-2211

2212-2213

2214-2215

2216-2217

2218-2219

2220-2221

2222-2223

2224-2225

2226-2227

2228-2229

2230-2231

2232-2233

2234-2235

2236-2237

2238-2239

2240-2241

2242-2243

2244-2245

2246-2247

2248-2249

2250-2251

2252-2253

2254-2255

2256-2257

2258-2259

2260-2261

2262-2263

2264-2265

2266-2267

2268-2269

2270-2271

2272-2273

2274-2275

2276-2277

2278-2279

2280-2281

2282-2283

2284-2285

2286-2287

2288-2289

2290-2291

2292-2293

2294-2295

2296-2297

2298-2299

2300-2301

2302-2303

2304-2305

2306-2307

2308-2309

2310-2311

2312-2313

2314-2315

2316-2317

2318-2319

2320-2321

2322-2323

2324-2325

2326-2327

2328-2329

2330-2331

2332-2333

2334-2335

2336-2337

2338-2339

2340-2341

2342-2343

2344-2345

2346-2347

2348-2349

2350-2351

2352-2353

2354-2355

2356-2357

2358-2359

2360-2361

2362-2363

2364-2365

2366-2367

2368-2369

2370-2371

2372-2373

2374-2375

2376-2377

2378-2379

2380-2381

2382-2383

2384-2385

2386-2387

2388-2389

2390-2391

2392-2393

2394-2395

2396-2397

2398-2399

2400-2401

2402-2403

2404-2405

2406-2407

2408-2409

2410-2411

2412-2413

2414-2415

2416-2417

2418-2419

2420-2421

2422-2423

2424-2425

2426-2427

2428-2429

2430-2431

2432-2433

2434-2435

2436-2437

2438-2439

2440-2441

2442-2443

2444-2445

2446-2447

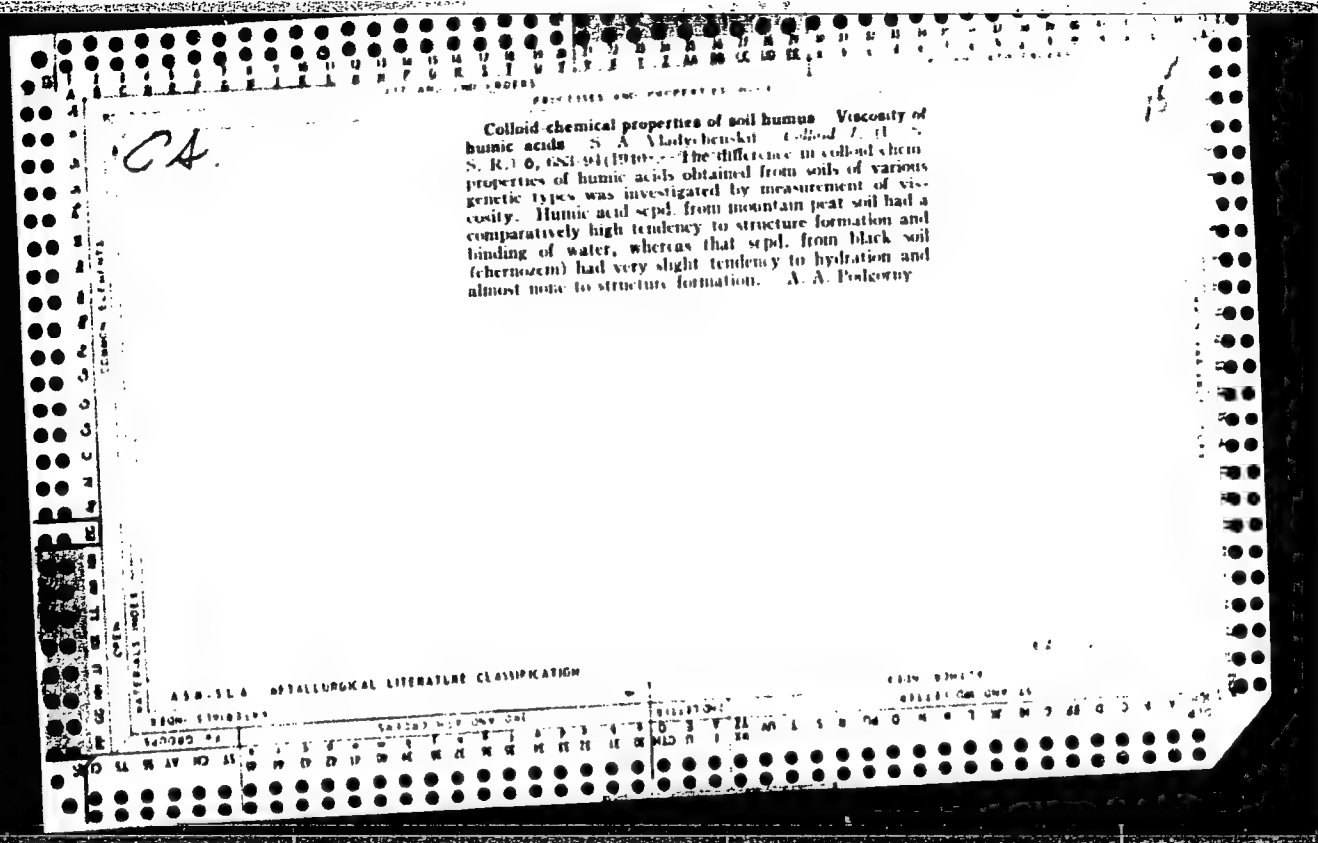
2448-2449

2450-2451

2452-2453

<

The loosely held organic substances as a factor of the formation of the soil structure. S. A. Vladyshevskii. *Sbornik Fiz.-Khim. Issledovaniy Pskovsk. Univ.* 1938, 83:104; *Khim. Referat. Zhur.* 1939, No. 7, 50. To 10-g. samples of mineral soils (krasnozern and podzol) in the presence and in the absence of CaCl_2 was added 100% of a soln. of Na humate obtained from chernozem (the 1st fraction of humous substances). In the samples the connection between the humous substances and the mineral part of the soil was detd. from the amt. of the 1st and 2nd fractions of the org. substances of the soil. The aggregation was also detd. (by sieve analysis). It was detd. that in the presence of CaCl_2 the stability of the aggregates, obtained under the influence of the humous substances, decreased considerably (from 7 to 33%). The org. substances alone increased the stability of the aggregates with comparatively large amts. of the added humate (at 3.47% of the humate the aggregation reached 99.0%). A part of the org. substances (up to 0.4%) passed over into the 3rd fraction under the conditions of the expts. with krasnozern and another part (up to 0.1% of humus) into the 2nd fraction. The remaining amt. was left behind in the 1st fraction. V. considers that there exists a relationship between the aggregation of the soil samples and the last fraction of the org. substances. W. R. Henn



<p>14</p> <p>Colloid chemical properties of activated waste water sludge. S. A. Gladychenski. <i>Kolloid Zhur.</i> 9, No. 1, 23-8(1947).—Particles of activated sludge are negatively charged, their isoelec. point lying at pH 3.1-3.9. The viscosity of a sludge suspension reaches a min. of 1.74 at pH 4-5. Upon acidification the viscosity rises somewhat and upon further acidification drops again. Activated sludge is hydrophilic but not to a large degree. In high concns. activated sludge binds a considerable quantity of H₂O; at 1.25% by wt. the H₂O bound by sludge was 82.5%. As the concn. dropped to 0.62% the bound H₂O dropped to 17.15%. The H₂O is immobilized by chem. solvation only to a small extent and most of it is locked by stereometric solvation, i.e., in the structure which the sludge assumes at higher concns. This structure is quite stable; it was not destroyed under 93 cm. H₂O pressure. Dye absorption by activated sludge was tested with an acid, a substantive, and a basic (methylene blue) dye. Methylene blue was the most absorbed and the substantive dye the least. The max. effective area of activated sludge calcd. from the absorption data was 100 sq.in. per g.</p> <p>M. Hosh</p>																									
<p>ASAC-ELA METALLURGICAL LITERATURE CLASSIFICATION</p>																									
<p>14</p>																									

CA

15

Colloid-chemical properties of soil organic matter.
S. A. Vlodavetskiy. *Doklady Vsesoyuz. Akad. Nauk SSSR*. 1947. No. 12, p. 29-33 (1947).
Khm. Nauk in. V. I. Lening. 12, No. 12, p. 29-33 (1947).
Org. matter fractions were isolated by the Tyulin method from a solidified chernozem. Fraction 1 was an org. gel loosely held by the mineral component, fraction 2 was more rigidly held, and 3 was the most rigidly held. Fractions 1 and 2 were sol. in H_2O , and 3 in 0.01 N NaOH. The electrophoretic potential, as determined by electrophoresis, of 2 was 64 and of 3 was 27. Sols of these fractions were coagulated with $CaCl_2$ with or without drying and with sols of $Fe(OH)_3$ with and without drying. The pppts. were washed with H_2O to remove the free electrolytes, placed, again washed with H_2O to remove electrolytes, and treated with 0.001 N, 0.01 N, and 0.1 N NaOH. In case soly. of org. matter was noted, the treatment was continued until a clear soln. was obtained. It is shown that gels obtained by the coagulation of org. matter with Ca ions were capable of a secondary peptization. On exchanging the Ca with Na , all the gels went into soln., but on drying at 105° for 15 days, only 42% went into soln. The pppts. obtained by the mutual coagulation of iron hydrous gels with humus were found to be least mobile. One portion of org. matter is colloidal, dispersed and water-sol. The second portion becomes sol. after treatment with $NaCl$, and it represents the fraction of free org. matter that can be coagulated by bivalent cations. The third fraction represents aged humates of Ca and Fe , and can be sol. only by treating the soil with alkali. The fourth portion is the one that becomes sol. in alkali only after HCl treatment. This represents a group of aged humates associated with Fe and Al .

I. S. Iode

A 58-55 A METALLURGICAL LITERATURE CLASSIFICATION

VLADYCHENSKIY, S. A.

VLADYCHENSKIY, S. A. I. LEBEDEV, N. I.
33254. Stroyeniye Makroagregatov Nekotorykh Yuzhnykh Chernozemov I
Kashtanovykh Pochv. Pochvovedeniye, 1949, No. 10, c. 584-90.
Bibliogr: 10 Nazv.

SO: Ietopis' Zhurnal'nykh Statey, Vol. 45, Moskva, 1949

VLADYCHENSKIY, S. A.

Reclamation of Land - Volga Valley

Problems of reclaiming the Volga-Aktyubinsk alluvial plain and delta. Vest. Mosk. un. 7
no. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 195⁶₂. Unclassified.

1. VLADYCHENSKIY, S. A.
2. USSR (600)
4. Chernozem Soils - Don Valley
7. Origin of the structure of southern chernozem soils in the region of the lower Don river, Vest. Mosk. un., 7, No. 10, 1952.
9. Monthly List of Russian Accessions, Library of Congress, March, 1953. Unclassified.

Chemical Abst.
Vol. 48 No. 6
Mar. 25, 1954
Soils and Fertilizers

(2)

The character of salinization of the soils in the Volga-Akhtuba bottom lands and delta. S. A. Vladychenskiy (Moscow State Univ.). *Pochvenovedenie* 1953, No. 6, 31-9. It is shown that with the approach towards the delta the ground waters contain a higher salt content (chloride, sulfate, bicarbonate, Ca, Mg, Na, K). The silty types of soils are not as highly salinized as the meadow types. In the early stages of development the meadow soils do contain less salts. The concn. and type of salts in the Volga, as the waters infiltrate into the soil, undergo variations: the concn. increases; Ca content relatively decreases; alkali metals increase; a relative decrease of the bicarbonate ions, with an increase of these as the infiltrated waters become a part of the soil soln.; a relative increase of sulfate. J. S. Joffe

VLADYCHENSKIY, S. (R)

We are helping control the Volga-Akhtuba bottom lands. Vest. Mosk.
un. 8 no.12:131-133 D '53. (MLRA 7:2)

1. Nachal'nik Volgo-Akhtubinskoy ekspeditsii.
(Volga Valley--Alluvial lands)
(Alluvial lands--Volga Valley)

VLADYCHENSKIY, S. A.

USSR/Geophysics - Soil of Volga Region

FD-1249

Card 1/1 : Pub. 129-11/25

Author : Vladychenskiy, S. A. and Korenevskaya, V. Ye.

Title : Characteristics of the structure of soils of the Volga-Akhtuba River Valley and Volga Delta.

Periodical : Vest. Mosk. un., Ser. fizikomat. i yest. nauk, 9, No 1, 83-92, Feb 1954

Abstract : Gives the porosity, amount of bound water, soil type, moisture content, air space, etc. of various horizons at the Bugrist Delta, South Valley, North Valley, Central Delta, etc. Concludes that the soils of the Volga-Akhtuba Valley is in a comparatively early stage of soil development. Recommends improvement of the soil structure.

Institution : Chair of Physics and Improvement of Soils

Submitted : June 27, 1953

VLADYCHENSKIY, S. A.

VLADYCHENSKIY, S. A. -- "Soil-Reclamation Characteristics of the Volga-Akhtuba Valley and the Volga Delta." Moscow Order of Lenin and Order of Labor Red Banner State U imeni M. V. Lomonosov. Moscow, 1955. (Dissertation for the Degree of Doctor of Biological Sciences.)

SO: Knizhnaya letopis', No. 4, Moscow, 1956

VLADYCHENSKIY, S.A.
USSR/Geophysics - Soil

FD-2174

Card 1/1 Pub, 129-14/20

Author : Vladychenskiy, S. A.

Title : Utilization of river-valley lands in the German Democratic Republic

Periodical : Vest, Mosk. un., Ser. fizikomat. i yest. nauk, 10, No 2, 115-120, Mar 1955

Abstract : In the German Democratic Republic there is a considerable amount of river valley land in agricultural use, especially lower Elba River and Oder River valley. The author describes the soil types in these two areas. Three references: S. Berger, Landeskultur und Provinzialverband, Merseburg, 1931; G. Koennecke, Versuchsbericht 1950-1952, Halle, 1953; H. Stremme, Die Boeden der Deutschen Demokratischen Republik, Berlin, 1952.

Institution : Chair of Physics and Soil Improvement

Submitted : July 19, 1954

Vladychenskiy, S. I.

BOLYSHEV, N.N.; VLADYCHENSKIY, S.A.; YEVDOKIMOVA, T.I.

Principles and approaches to an over-all study of soil cover.
Vent. Mosk. un. 10 no. 8: 141-149 Ag '55. (MIRA 9:1)
(Soils)

VLADYCHENSKIY, S.A.

Salt and moisture cycles in leveed areas. Nauch. dokl. vys.
shkoly; biol. nauki no.2:221-225 '61. (MIRA 14:5)

1. Rekomendovana kafedroy fiziki i melioratsii pochv Moskovskogo
gosudarstvennogo universiteta im. M.V.Lomonosova.
(SOIL MOISTURE) (MINERALS IN SOIL)

VLADYCHENSKIY, S.A.; YAKOVLEVA, L.V.; LYU SYAO-I [Liu Hsiao-i]

Moisture evaporation from secondary turf-Podzolic soils in the
Darwin Preserve. Trudy DGZ no.7:71-85 '61. (MIRA 16:2)
(Soil moisture) (Darwin Preserve--Podzol) (Evaporation)

VIADYCHENSKIY, S.A.

Capillary rise of water in sandy soils of various moistures.
Pochvovedenie no.10:62-66 0 '62. (MIRA 15:11)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Soil moisture) (Capillarity)

VLADYCHENSKIY, S.A.

Effect of valley reservoirs on areas adjacent to the
forebay and the afterbay. Vest. Mosk. un. Ser. 6:
Biol., pochv. 17 no.5:52-64 S-0 '62. (MIRA 15:11)

1. Kafedra fiziki i melioratsii pochv Moskovskogo
universiteta.

(Reservoirs)
(Soil formation)

VLADYCHENSKIY, S.A.

Effect of the Veselyy Reservoir on the soils of adjacent areas.
Pochvovedenie no.2:1-6 F '60. (MIRA 15:7)

1. Moskovskiy gosudarstvennyy universitet.
(Veselyy Reservoir region--Soils)

VLADYCHENSKIY, S.A.; Prinimali uchastiye: Korenevskaya, V. Ye.; YAKOVLEVA, L.V.;
LAVRENTIYEV, Yu. L.; RODIONOVA, V.I.; KACHINSKIY, N.A., prof.

Moisture conditions of soils in the Volga-Akhtuba Flood Plain
and Delta. Vest.Mosk. un. Ser.6: Biol., pochv. 16 no.3:73-80
My-Je '61. (MIRA 14:6)

1. Kafedra fiziki i melioratsii pochv Moskovskogo gosudarstvennogo
universiteta.

(Volga-Akhtuba Flood Plain--Soil moisture)
(Volga Delta--Soil moisture)

VLADYCHENSKIY, S.A.

Methods of forecasting the rise of the ground-water level produced
by artificial reservoirs of the forest zone. Nauch. dokl. vys.
shkoly; biol. nauki no.4:196-202 '61. (MIRA 14:11)

1. Rekomendovana kafedroy fiziki i melioratsii pochv Moskovskogo
gosudarstvennogo universiteta im. M.V.Lomonosova.
(RESERVOIRS) (WATER, UNDERGROUND)

VLADYCHENSKIY, S.A.

Relation between the wetting capacity of sand and glass, and
moisture conditions. Vest.Mosk.un.Ser. 6: Biol., pochv. 15
no.1:69-73 '60. (MIRA 13:8)

1. Kafedra fiziki i melioratsii pochv.:
(Wetting)

VLADYCHENSKIY, S.A.

Effect of excessive moisture on the shore soils of Rybinsk Reservoir.
Nauch.dokl.vys.shkoly; biol.nauki no.2:191-197 '60. (MIRA 13:3)

1. Rekomendovana kafedroy fiziki i melioratsii pochv Moskovskogo
gosudarstvennogo universiteta im. M.V. Lomonosova.
(RYBINSK RESERVOIR REGION--SOIL MOISTURE)

USSR / Soil Science. Cultivation. Melioration, Erosion. J

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95781.

Author : Vladychenksiy, S. A.

Inst : Not given.

Title : Salt Cycle on the Rice Plots of the Volga Delta.

Orig Pub: Pochvovedeniye, 1957, No 4, 46-52.

Abstract: On the inundated rice fields in the southern part of the Volga-Akhtibinsk River valley and in the Volga delta, about 70% of the irrigation water is broken up in filtration. Along the border of the inundated fields, intensive filtration of the water occurs in a horizontal direction. The rate of filtration reaches maximum close to the flood checks and increases with depth. At a distance of 20-30 m from the flooded field, a horizontal filtration of the water is replaced

Card 1/2

USSR / Soil Science. Cultivation. Melioration, Erosion. J

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95781.

Abstract: by an upward flow, which is accompanied by intensive evaporation and salinity of the soils of this strip. The content of salts in the first layer of soil here reaches 258 t/ha with a width of the strip of about 30 m. Chlorides predominate over sulfates. Within this strip, salinity is sharply reduced. After freeing the rice field from water, a flow-off of salts is observed from the zone of maximal salinity to the field. An upward flow of salts to the surface of the field occurs, and it is somewhat saline. However, the salinity of the area formerly under water does not reach the volume of salinity of its periphery. In the absence of a natural outlet for the rice fields, it is recommended to build a drainage network around it for the detention and shedding of filtered saline ground waters. -- S. A. Nikitin.

Card 2/2

VLADYCHENSKIY, S.A.; KOZLOVSKAYA, V.N.

Water retaining capacity of some soil types in the region of the
future Lower Kama Hydroelectric Power Station. Nauch.dokl.vys.
shkoly;biol.nauki no.4:174-178 '58. (MIRA 11:12)

1. Rekomendovana kafedroy fiziki i melioratsii pochv Moskovskogo
gosudarstvennogo universiteta imeni M.V.Lomonosova.
(Lower Kama Hydroelectric Power Station region--Soil moisture)

VLADYCHENSKIY, S.A., doktor sel'skokhozyaystvennykh nauk

Effect of water reservoirs on soils, Priroda 47 no.10:93-96
O '58. (MIRA 11:11)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Reservoirs) (Soil moisture)

VLADYCHENSKIY, S.A.

Comments on the problem pertaining to the types of water balance.
Pochvovedenie no. 6:118-119 Je '58. (MIRA 11:7)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
(Soil moisture)

SOV-26-58-10-21/51

AUTHOR: Vladychenskiy, S.A., Doctor of Agricultural Sciences

TITLE: The Effect of Reservoirs on Soils (Vliyaniye vodokhranilishch na pochvy)

PERIODICAL: Priroda, 1958, Nr 10, pp 93-96 (USSR)

ABSTRACT: The Kafedra fiziki i melioratsii pochv (The Department of Soil Physics and Melioration) of the Moscow State University imeni M.V. Lomonosov has been carrying out research on the effect that reservoirs and storage lakes exert on the surrounding soils. The direct effect zone, caused by infiltration of the soil, has a radius of 300 - 400 m from the shore of the reservoir; in the zone of indirect effect, extending up to the natural watershed, the humidity of the soil is increased since the reservoir blocks the ground moisture flow, raising its level and slowing down its rate of flow. Three progressive soil belts are formed round the reservoir: 1) by swamping, 2) formation of water meadows, 3) by gleying. Swamping occurs in the direct effect zone by underground flooding and here agriculture is impossible. Its extent can be limited by digging drainage canals at strategic points around the reservoir. The adjacent water meadow zone

Card 1/2

-The Effect of Reservoirs on Soils

SOV-26-58-10-21/51

is suitable for hydrophytic agricultural plants which also help to dry out the soil. With proper care the gleying zone presents no hindrance to agriculture and quite high yields can be obtained from it. There are 2 photos and 1 schematic diagram.

ASSOCIATION: Moskovskiy Gosudarstvennyy universitet imeni M.V. Lomonosova
(Moscow State University imeni M.V. Lomonosov)

1. Soils--Moisture factors
2. Water--Storage

Card 2/2

VLADYCHENSKIY, S. A.

Soil salt content in rice fields of the Volga River Delta.
Pochvovedenie no.4:46-52 Ap '57. (MIRA 10:7)

1. Moskovskiy gosudarstvennyy universitet.
(Volga Valley--Minerals in soil)

VLADYCHENSKIY, Sergey Aleksandrovich; SOKOLOVA, N.A., red.; YERMAKOV,
M.S., tekhn.red.

[Practice lessons in land improvement] Prakticheskie zanatiia
po melioratsii pochv. Moskva, Izd-vo Mosk.univ., 1960. 165 p.
(MIRA 14:4)

(Drainage) (Irrigation) (Soil conservation)

VLADYCHIN, I.V.; KRAVETS, N.P.

Oxygen therapy in ascariasis late at night. Med. paraz. i paraz.
bol. 32 no.5:624 S-O'63 (MIRA 16:12)

1. Iz kafedry obshchey terapii (zav. - dotsent N.P.Kravets)
Ivano-Frankovskogo meditsinskogo instituta (rektor- dotsent
G.A.Babenko).

VLADYCHIN, S.A.

Humidifiers for aging apparatuses. Tekst. prom. 17 no.3:51 Mr '57.
(Textile finishing) (MLRA 10:4)

VLADYCHIN, Yu.N.

Introducing mechanization and automation in light industry
of the Estonian S.S.R. Mekh.i avtom.proizv. 16 no.11:41-44
N '62. (MIRA 15:12)

1. Zamestitel' predsedatelya soveta narodnogo khozyaystva
Estonskoy SSR.

(Estonia--Technological innovations)
(Automation)

L 3520-66

EWT(m)/EWP(i)/EWP(j)/EWP(t)/EWP(b) JD/RM

AM5013212

BOOK EXPLOITATION

UR/
667.64.621.0(083)

3 /
39
037

Gol'dberg, M. M. (Candidate of Technical Sciences); Yakubovich, S. V. (Candidate of Technical Sciences); Vladychina, YE. N. (Engineer); eds. 44,55

Handbook on lacquer coating in the machine industry (Spravochnik po lakokrasochnym pokrytiyam v mashinostroyenii) Moscow, Izd-vo "Mashinostroyeniye", 1964. 475 p. illus., biblio. Errata slip inserted. 9500 copies printed.

TOPIC TAGS: lacquer, corrosion inhibitor, rust inhibitor, specialized coating, working condition, safety engineering, fire protection

PURPOSE AND COVERAGE: The book is a handbook which contains information on lacquer and test of lacquers. It also describes the technical characteristics and designs of plants engaging in basic lacquering and drying processes. The book is designated for engineering and technical workers of lacquering shops in machine building industry and for planning organizations.

TABLE OF CONTENTS (abridged):

Foreword -- VIII

Card 1/3

L 3520-66

AM5013212

- Ch. I. Classification of the lacquer coatings in machine building industry and their standard compositions -- 1
 - Ch. II. Lacquering materials -- 69
 - Ch. III. Accessory materials -- 141
 - Ch. IV. Surface preparation -- 152
 - Ch. V. Application methods of lacquer materials -- 228
 - Ch. VI. Drying of lacquer coatings -- 346
 - Ch. VII. Treatment methods of lacquer coatings -- 290
 - Ch. VIII. Fundamental for lacquering plants designing (the engineering part of the technical plan) -- 404
 - Ch. IX. Testing methods of lacquer materials and coatings -- 424
 - Ch. X. Standardization of the material used in lacquering -- 448
 - Ch. XI. Accident and fire prevention measures -- 462
 - Appendix 1. Permissible concentration of harmful gases, fumes and dust in the working area air of production premises -- 471
 - Appendix 2. Limits of the dangerously explosive concentration, the flash point, and the spontaneous combustion temperature of important solvents -- 473
 - Bibliography and sources -- 475
- Card 2/3

L 3520-66

AM5013212

SUB CODE: MT, GO

SUBMITTED: 31Oct64,

NO REF SOV: 049

OTHER: 000

PC

Card 3/3

VLADYCHINA, Ye.N.; GOTS, V.L.; SEREBRYANIKOV, S.N.

Method of testing the electrostatic atomizer for electrostatic
spray painting systems. Lakokras.mat.1 ikh prim. no.5:40-44
'62. (MIRA 16:1)

(Spray painting, Electrostatic--Equipment and supplies)

VLADYCHINA, Ye. N.; BREDIS, E.E.; SHREDER, A.G.

Protection from staining of supporting devices used in
the electrostatic painting of articles. Lakokras. mat.
1 ikh prim. no.3:27-33 '61. (MIRA 14:6)
(Painting, Industrial)

DORRENDORF, V.I.; D'YAKOVA, B.B.; VLADYCHINA, Ye.N.

Spraying of nitrocellulose and perchlorovinyl lacquer and paint
materials in the electric field. Lakokras.mat.1 ikh prim. no.3:
56-60.'62. (MIRA 15:7)

(Spray painting, Electrostatic)

BUGLAY, Boris Martynovich, prof., doktor tekhn.nauk; SLUTSKIY, S.B.,
inzh., retsenzent; VLADYCHINA, Ye.N., red.; SEDOVA, Z.D.,
red. izd-va; GRECHISHCHEVA, V.I., tekhn. red.

[Technology of wood finishing] Tekhnologiya otdelki drevesiny.
Moskva, Goslesbumizdat, 1962. 349 p. (MIRA 16:3)
(Wood finishing)

VLADYCHINA, E. N.

Drying of lacquer and paint films by induction currents.
E. N. Vladychina *Byull. Akad. Nauk SSSR Tekh. Nauk*, 1938, No. 4-5,

43-6; *Khim. Referat. Zhur.* 2, No. 5, 114 (1938). --At 200° the time of drying of enamel paints, lacquers and primers in the induction drier is reduced by approx. 20-30% as compared with drying in a thermostat. Drying at above 200° effects a great saving in time. An increase of the temp. to 280° reduces the time of drying of the surface to 3-5 min. Films dried at 200° have an even, smooth surface without warping and bubbles and with a normal gloss. Above 200° there is a considerable decrease of gloss. The films dried in an induction drier are considerably harder than those dried in a thermostat. The resistance to water and to mineral oil is also increased. The induction drier is described.

W. R. Henn

Z/011/62/019/003/004/004
E112/E353

AUTHORS: Nosov, S.P., Dorrendorf, V.I. and Vladychina, Ye.N.

TITLE: Measurement of the specific volume resistivity of
paints used for spraying in an electrostatic field

PERIODICAL: Chemie a chemická technologie; Přehled technické
a hospodářské literatury, v.19, no. 3, 1962, 136,
abstract Ch 62-1860 (Lakokras. materialy, no. 5,
1961, 54 - 57)

TEXT: For evaluating paints used for spraying in an
electrostatic field it is essential to determine the specific
volume resistance. The author recommends some Soviet-produced
metering instruments (instrument MOM-4, etc.). The instruments
are fitted with polytetrafluorethylene electrodes. The theory
on which the measurements are based is described and resistance
values are calculated. There are 2 photographs, 7 schematic
diagrams. ✓

[Abstracter's note: Complete translation.]

Card 1/1

VETUKHNOVSKIY, Z.B., inzh.; VLADYCHINA, Ye.N., inzh.; GUBENSKIY, V.A.,
inzh.; DORRENDORF, V.I., inzh.; SEREBRYANIKOV, S.N., inzh.;
SOLIYENKO, V.O., inzh.; TIMOKHOV, Ye.P., inzh.; TIURIN, V.P.,
vedushchiy inzh.; BOROVNIKOV, B.A., red.; KUPTSOV, A.P., tekhn.red.

[Painting in a high voltage electric field] Okraska v elektri-
cheskom pole vysokogo napriazhenia. Moskva, TSentral'noe biuro
tekhn.informatsii, 1958. 63 p. (MIRA 12:7)

1. Russia (1917- R.S.F.S.R.) Moskovskiy gorodskoy ekonomicheskoy
administrativnyy rayon. Sovet narodnogo khozyaystva. 2. TSentral'-
naya nauchno-issledovatel'skaya laboratoriya Vsesoyuznoy proizvod-
stvennoy kontory "Lakokraspokrytiye" (for Vetukhnovskiy, Vladychina,
Gubenskiy, Dorrendorf, Serebryanikov, Soliyenko, Timokhov).
(Spray painting)

VLADYCHINA, E. N.

Drying of lacquer and paint films by induction currents.
E. N. Vladychina. *Bull. Akad. Nauk Tekh.* 1938, No. 4-5.

43 4; *Khim. Referat. Zhur.* 2, No. 5, 114 (1939).--At 200° the time of drying of enamel paints, lacquers and primers in the induction drier is reduced by approx. 20-30% as compared with drying in a thermostat. Drying at above 200° effects a great saving in time. An increase of the temp. to 280° reduces the time of drying of the surface to 3-5 min. Films dried at 200° have an even, smooth surface without warping and bubbles and with a normal gloss. Above 200° there is a considerable decrease of gloss. The films dried in an induction drier are considerably harder than those dried in a thermostat. The resistance to water and to mineral oil is also increased. The induction drier is described. W. R. Henn

15(7)

PHASE I BOOK EXPLOITATION

SOV/2992

RSFSR. Moskovskiy gorodskoy ekonomicheskoy rayon. Sovet narodnogo khozyaystva

Okraska v elektricheskoy pole vysokogo napryazheniya (Painting In A High Voltage Electric Field) Moscow, Tsentr. byuro tekhn. inform., 1958. 63 p. (Series: Dostizheniya nauki i tekhniki) Errata slip inserted. 4,500 copies printed.

Compilers (Specialists, Central Scientific Research Laboratory of the All-Union Industrial Bureau "Lakokraspokrytiye"): Z. B. Vetukhnovskiy, Engineer, Ye. N. Vladychina, V. A. Gubenskiy, Engineer, V. I. Dorrendorf, Engineer. S. N. Serebryanikov, Engineer, V. O. Soliyenko, Engineer and Ye. P. Timokhov, Engineer, Executive Engineer: V. F. Tyurin; Ed.: B. A. Borovikov; Tech. Ed.: A. P. Kuptsov.

PURPOSE: This book is intended for workers, technicians, and engineers engaged in the manufacture, application, and development of equipment for spray painting in high voltage electric fields.

Card 1/5

Painting (Cont.)

SOV/2992

COVERAGE: The authors analyze the industrial and economic problems of spray painting in high voltage electric fields. The book treats the nature and theoretical principles of the spray painting method, verified design specifications for spray painting equipment, and data on the manufacture and operation of such equipment. It also includes information on the experimental work carried out by the TsNIL (Central Scientific Research Laboratory) in this field. No references are given.

TABLE OF CONTENTS:

Introduction	3
I. Essence of Spray Painting in an Electric Field of High Voltage	4
II. Electrical Equipment of Spray Painting Units	7
1. Electrical equipment of the power supply	7
2. Electrical equipment of the control. system	10
3. Electrical equipment for protection purposes	11

Card 2/5

Painting (Cont.)	SOV/2992	
III. Spray Painting Oven, Electrically Heated		13
IV. Spray Painting Equipment		16
1. Pneumatic sprayers		16
2. Electromechanical sprayers		16
3. Electrostatic sprayers		19
V. Conveyors and Suspensions		19
VI. Electrode Grids		22
VII. Ventilation System		26
VIII. Grounding of Electric Equipment		28
IX. Interlocking Signals		28
X. Industrial and Economic Calculations of Spray Painting Efficiency in an Electric Field		28
Card 3/5		

Painting (Cont.)

SOV/2992

1. Reconstruction of the existing spray paint shop or station	32
2. Construction of paint spray booths in newly built plants	33
XI. Experience in Introducing Spray Painting in an Electric Field	35
XII. Experimental Work Carried Out by the TsNIL Institute	41
1. Cups	41
2. Paint feed to the sprayérs	46
3. Studying the effect of the inverted (positive) corona on the spray painting process	49
4. Eliminating leaks produced in the electric field on application of the dip painting method	51
5. Spray painting dielectric products in an electric field	52
XIII. Instructions on the Operation of Spray Painting Units of High Voltage	53

Card 4/5

Painting (Cont.)

SOV/2992

- | | |
|---------------------------------------------------------------------------|----|
| 1. General instructions | 53 |
| 2. Operation of the spray booth | 54 |
| 3. Preparation of the equipment for work | 57 |
| 4. Safety techniques, labor protection, and fire pre-
vention measures | 59 |

XIV. Parameters of the Electric Painting Units	60
------------------------------------------------	----

AVAILABLE: Library of Congress (TT305.R87)

Card 5/5

TM/mmh
1-28-60

VLADYCHINA, Ye.N.; SEREBRYANIKOV, S.N.; SHELEKHINA, A.L.

Electric properties of paint materials and the optimum conditions
of their spraying in the electric field. Lakokras. mat. iikh
prim. no. 4:32-36 '63. (MIRA 16:10)

IVANOV, V.I.; VLADYCHINA, Ye.N.; VETUKHNOVSKIY, Z.B.

Tasks of the Scientific Research Institute of the technology of
Lacquer and Paint Application (NIITLP) as seen in the light of
the resolutions of the December (1963) Plenum of the Central
Committee of the CPSU. Lakokras.mat. 1 ikh prim. no.2:1-2 '64.
(MIRA 17:4)

VLADYCHINA, Ye. N.

15(7)

PHASE I BOOK EXPLOITATION

SOV/2992

RSFSR. Moskovskiy gorodskoy ekonomicheskoy rayon. Sovet narodnogo khozyaystva

Okraska v elektricheskom pole vysokogo napryazheniya (Painting In A High Voltage Electric Field) Moscow, Tsentr. byuro tekhn. inform., 1958. 63 p. (Series: Dostizheniya nauki i tekhniki) Errata slip inserted. 4,500 copies printed.

Compilers (Specialists, Central Scientific Research Laboratory of the All-Union Industrial Bureau "Lakokraspokrytiye): Z. B. Vetukhnovskiy, Engineer, Ye. N. Vladychina, V. A. Gubenskiy, Engineer, V. I. Dorrendorf, Engineer. S. N. Serebryanikov, Engineer, V. O. Soliyenko, Engineer and Ye. P. Timokhov, Engineer, Executive Engineer: V. F. Tyurin; Ed.: B. A. Borovikov; Tech. Ed.: A. P. Kuptsov.

PURPOSE: This book is intended for workers, technicians, and engineers engaged in the manufacture, application, and development of equipment for spray painting in high voltage electric fields.

Card 1/5

Painting (Cont.)

SOV/2992

COVERAGE: The authors analyze the industrial and economic problems of spray painting in high voltage electric fields. The book treats the nature and theoretical principles of the spray painting method, verified design specifications for spray painting equipment, and data on the manufacture and operation of such equipment. It also includes information on the experimental work carried out by the TsNIL (Central Scientific Research Laboratory) in this field. No references are given.

TABLE OF CONTENTS:

Introduction	3
I. Essence of Spray Painting in an Electric Field of High Voltage	4
II. Electrical Equipment of Spray Painting Units	7
1. Electrical equipment of the power supply	7
2. Electrical equipment of the control. system	10
3. Electrical equipment for protection purposes	11

Card 2/5

Painting (Cont.)	SOV/2992	
III. Spray Painting Oven, Electrically Heated		13
IV. Spray Painting Equipment		16
1. Pneumatic sprayers		16
2. Electromechanical sprayers		16
3. Electrostatic sprayers		19
V. Conveyors and Suspensions		19
VI. Electrode Grids		22
VII. Ventilation System		26
VIII. Grounding of Electric Equipment		28
IX. Interlocking Signals		28
X. Industrial and Economic Calculations of Spray Painting Efficiency in an Electric Field		28

Card 3/5

Painting (Cont.)

SOV/2992

1. Reconstruction of the existing spray paint shop or station 32
2. Construction of paint spray booths in newly built plants 33
- XI. Experience in Introducing Spray Painting in an Electric Field 35
- XII. Experimental Work Carried Out by the TsNIL Institute 41
 1. Cups 46
 2. Paint feed to the sprayérs 46
 3. Studying the effect of the inverted (positive) corona on the spray painting process 49
 4. Eliminating leaks produced in the electric field on application of the dip painting method 51
 5. Spray painting dielectric products in an electric field 52
- XIII. Instructions on the Operation of Spray Painting Units of High Voltage 53

Card 4/5

~~Painting~~ (Cont.)

SOV/2992

- | | |
|----------------------------------------------------------------------|----|
| 1. General instructions | 53 |
| 2. Operation of the spray booth | 54 |
| 3. Preparation of the equipment for work | 57 |
| 4. Safety techniques, labor protection, and fire prevention measures | 59 |

XIV. Parameters of the Electric Painting Units	60
------------------------------------------------	----

AVAILABLE: Library of Congress (TT305.R87)

Card 5/5

TM/mmh
1-28-60

NOSOV, S.P.; DORRENDORF, V.I.; VLADYCHINA, Ye.N.

Measuring volume resistivity of paint materials used in an electric
field. Lakokras. mat. i ikh prim. no.5:54-57 '61. (MIRA 15:3)
(Paint machinery) (Paint materials)

Country : USSR

M

Category: Cultivated Plants. Fruits. Berries.

Abs Jour: RZhBiol., No 22, 1958, No 100469

Author : Vladychuk, L.A.

Inst : AS TurkmenSSR

Title : The Influence of Agrotechnical Measures on
the Time and the Number of the Starts of the
Flower Buds in Almonds in the Conditions of
Southwestern Turkmenia.

Orig Pub: Izv. AN TurkmSSR, 1957, No 6, 32-35

Abstract: Experiments carried out at Turkmen Scientific
Research Institute of Agriculture showed that
the largest number of flower buds formed upon
application of NPK + manure; a somewhat smaller
number - upon application of P+ manure. Appli-

Card : 1/3

M-172

Country : USSR

M

Category: Cultivated Plants. Fruits. Berries.

.abs Jour: RZhBiol., No 22, 1958, No 100469

cation of only K, P or manure did not produce any effect on the start of the flower buds. Application of manure delayed blossoming by 7 days; application of NPK + manure - by 3 days; P + manure - by 1 day. Application of P and K did not show any effect on the dates of blossoming. An increase in the number of waterings from 1 to 3 per month produced an increase in the number of started flower buds by $1\frac{1}{2}$ times and a delay of 10 days in blossoming. The summer pruning of the shoots produced a delay of 12 days in the beginning of blossoming. Trees pruned early

Card : 2/3